

**AMENDMENTS TO THE SEQUENCE LISTING**

**IN THE SEQUENCE LISTING**

Please replace the Sequence Listing of record with the Substitute Sequence Listing enclosed herewith.

**REMARKS**

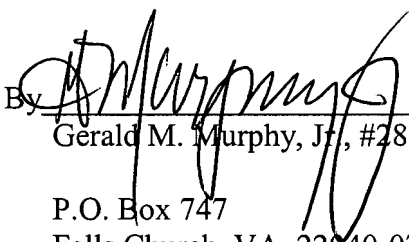
Enclosed herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a Substitute Sequence Listing to be inserted into the specification as indicated above. The Substitute Sequence Listing in no way introduces new matter into the specification. Also submitted herewith in full compliance with 37 C.F.R. §§1.821-1.825 is a disk copy of the Substitute Sequence Listing. The disk copy of the Sequence Listing, file "2007-04-14 3691-0130PUS1.ST25.txt", is identical to the paper copy, except that it lacks formatting.


The specification is amended to identify the nucleotide and amino acid sequences from figures 1 and 2 with corresponding SEQ ID NOs. The Sequence Listing is amended to correct formatting errors and to reference the present application by filing date and serial number. No new matter is introduced by these amendments.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under 37 C.F.R. § 1.17; particularly, extension of time fees.

Dated :April 16, 2007

Respectfully submitted,  
BIRCH, STEWART, KOLASCH & BIRCH, LLP

By   
Gerald M. Murphy, Jr., #28,977  
P.O. Box 747  
Falls Church, VA 22040-0747  
(703) 205-8000

 GMM/TJS/ma  
3691-0130PUS1

Attachments:                      Disk and Paper Copy of Sequence Listing  
    Copy of Notice to Comply